



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application No.: 09/713,994 )  
In re application of: KEDDIE, James *et al.* )  
Filed: November 16, 2000 )  
Art Unit: 1638 )  
Examiner: KRUSE, David H. )  
Docket No. MBI-0022 )  
Customer No. 23678 )

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT TO SUPPORT RESUBMISSION OF "APPENDIX A"**  
**IN COMPUTER READABLE FORM**

Sir:

Applicants enclose herewith for the above-referenced patent application two replacement copies of "Appendix A" in electronic form, each identical to Appendix A as originally filed with this application.

Two copies of a CD-ROM comprising a computer readable form of Appendix A of the present patent application were included with the present application filed on November 16, 2000 (see copy of Transmittal, attached). Appendix A as filed included tables totaling significantly more than 50 pages of text. Specifically, Appendix A contained claimed sequences and homologs to these sequences, as well as methods, data summaries, data analyses, and polypeptide and polynucleotide sequences.

After it was determined that the two copies of Appendix A had been lost or misplaced by the USPTO, another CD-ROM comprising Appendix A was filed with the USPTO (see copy of "Submission of Courtesy Copy of Computer Readable Form (CD) Comprising Appendix A as Originally Filed", and copy of return receipt postcard, attached). This CD-ROM was yet again lost or misplaced by the USPTO.

According, Applicants enclose two more replacement copies of Appendix A (CD Nos. 1 and 2). The identity and contents of the CD-ROMs comprising Appendix A are as follows:

| CD Identification   | Name of File Folder<br>on CD | Date CDs<br>Created | Size in<br>Megabytes |
|---|------------------------------|---------------------|----------------------|
| Copy 1 Replacement 03/18/2005<br>ARTEFACT Copy 1: MBI-0022 Appendix A | MENDEL_GFR (D)               | 3/18/2005           | 675                  |
| Copy 2 Replacement 03/18/2005<br>ARTEFACT Copy 2: MBI-0022 Appendix A | MENDEL_GFR (D)               | 3/18/2005           | 675                  |

Applicants affirm that the two replacement copies of Appendix A submitted with this response are identical to one another and to the copies of Appendix A filed with the present application on November 16, 2000.

No new matter is added by the submission of the two replacement copies of Appendix A.

Applicants believe that no fee is due with this response. However, if the Commissioner determines that any fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1025.

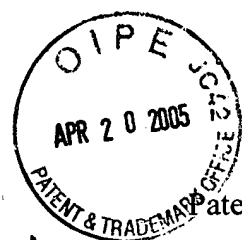
Respectfully submitted,



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Dated: April 18, 2005

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File: MBI-0022.Stmt.Appndx A



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**STATEMENT TO SUPPORT SUBMISSION OF THE CRF COPY OF THE  
SUBSTITUTE SEQUENCE LISTING PURSUANT TO 37 C.F.R. §§1.821-1.825**

Sir:

Pursuant to the provisions of 37 C.F.R. §1.821(e), Applicants enclose herewith three (3) Compact Discs (CD-ROMs) each comprising a copy of a Substitute Sequence Listing in Computer Readable Form (CRF). The identity and contents of the CD-ROMs are as follows:

| CD Identification   | Name of File(s) on<br>CD | Date of<br>Creation | Size in<br>Kilobytes |
|---|--------------------------|---------------------|----------------------|
| Copy 1 REPLACEMENT 04/15/2005 Substitute<br>Sequence Listing in Computer Readable Form,<br>filed with USPTO under 37 CFR §1.821-1.825 | MBI-0022US.ST25          | 4/15/2005           | 4280                 |
| Copy 2 REPLACEMENT 04/15/2005 Substitute<br>Sequence Listing in Computer Readable Form,<br>filed with USPTO under 37 CFR §1.821-1.825 | MBI-0022US.ST25          | 4/15/2005           | 4280                 |
| Substitute Sequence Listing in Computer-readable<br>Form, filed with USPTO under 37 CFR §1.821(e)                                     | MBI-0022US.ST25          | 4/15/2005           | 4280                 |

The Sequence Listing originally filed with the present application contained 109 sequences (SEQ ID NO: 1-109). The first 109 sequences of the Substitute Sequence Listing (SEQ ID NO: 1-109) in the three attached CRF copies of the Substitute Sequence Listing are identical to the 109 sequences in the Sequence Listing as filed with the above-referenced application on November 16, 2000. The Substitute Sequence Listing also comprises additional sequences (SEQ ID NO: 110-1982) appended to the original 109 sequences of the Sequence Listing as filed. SEQ ID NO: 110-1982 are identical to sequences contained within Appendix A as filed with the present patent application on November 16, 2000. Replacement copies of Appendix A are also enclosed herewith.

The contents of the enclosed copies of the Substitute Sequence Listing in CRF are a compilation of and are identical to sequences in the Sequence Listing and in Appendix A filed with the present application. Therefore, no new matter is added by the submission of this Substitute Sequence Listing in CRF.

Applicants believe that no fee is due with this response. However, if the Commissioner determines that any fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1025.

Respectfully submitted,



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